

THE REPORT

THE PRESIDENT

QUEEN'S COLLEGE, GALWAY,

THE YEAR 1902-1903.

COLLEGES ACT.

9th and 9th Vict., 1860. **LXVI.** sec. 20.

THE REPORT
OF THE
PRESIDENT
OF
QUEEN'S COLLEGE, GALWAY,
FOR
THE SESSION 1902-1903.

Presented to both Houses of Parliament by Command of His Majesty.



DUBLIN:
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,
BY ALEXANDER THOM & CO. (LIMITED).

And to be purchased, either directly or through any Bookseller, from
E. PONSONBY, 116, GRAFTON-STREET, DUBLIN; or
TYRE & SPOTTISWOODE, EAST HARDING-STREET, FLEET-STREET, E.C.; and
32, ABINGDON-STREET, WESTMINSTER, S.W.; or
OLIVER & BOYD, EDINBURGH.

1903.

[Cd. 1871.] Price 2½d.



CONTENTS.

REPORT,	Page 5
---------	-----------

APPENDIX A.

Reports of the Deans of Residences for the Session 1902-1903,	10
---	----

APPENDIX B.

I.—Return showing the Number of Students who entered Queen's College, Galway, in the Session 1902-1903,	11
II.—Return showing the total number of Students in attendance during the Session 1902-1903, their Religious Persuasions, and their Distribution among the Faculties,	11
III.—Numbers and Religious Persuasions of Students who have entered the Queen's College, Galway, in each year from its opening,	12
IV.—Numbers and Religious Persuasions of Students attending Lectures in the Queen's College, Galway, in each Session from its opening,	13
V.—Return showing the Locality of Students present during the Session 1902-1903, according to Provinces, and from elsewhere than Ireland,	14
VI.—Return showing the Average Ages of the Students present during the Session 1902-1903,	14
VII.—Table containing a List of the several Subjects Lectured upon during the Session 1902-1903, the Number of Lectures given on each Subject, and the Number of Students attending the Classes,	14
VIII.—Table showing the Number of Scholarships in each Faculty, the Number Awarded, and the Number of Exhibitions and Prizes Awarded in the Session, 1902-1903,	15
IX.—List of Scholarships, Exhibitions, and Prizes Awarded at Scholarship Examinations, in the Session 1902-1903,	15
X.—List of Prizes Awarded at the Sessional Examinations, in the Session 1902-1903,	19
XI.—Names of Students of Queen's College, Galway, who have obtained Degrees, Diplomas, and Honors at the Examinations of the Royal University of Ireland and other Examinations, in 1902,	22
XII.—Students of the College who have been Awarded Junior Fellowships, Studentships, Scholarships, Exhibitions, or Prizes in the Royal University of Ireland,	26
XIII.—List of Visitors, Corporate Body, Officers, and Lecturers for the Session 1902-1903,	29

APPENDIX C.

Return showing List of Professors and Officers in the College, Dates of Appointment, Salaries and Emoluments,	31
---	----

APPENDIX D.

Account of the Receipts and Expenditure of the College for the year ended 31st March, 1903,	32
---	----

APPENDIX E.

Donations to Library,	34
-----------------------	----



THE REPORT

OF THE

PRESIDENT OF QUEEN'S COLLEGE, GALWAY

FOR

THE SESSION 1902-1903.

TO THE KING'S MOST EXCELLENT MAJESTY

MAY IT PLEASE YOUR MAJESTY,

I have the honour of submitting to Your Majesty the following Report of the proceedings and condition of Queen's College, Galway, for the session ending 13th June, 1903.

The usual Tables of Statistics will be found in the Appendices.

I am able to report a good increase in the number of students attending the College. For the session 1901-02 the number was 93, and for the past session 118. This is the largest number for any session during the last twenty years, with the exception of two, 1889-90 and 1893-94, when the numbers were 122 and 120 respectively. Of these 118 students 57, or almost one-half, came from the Province of Connaught, and 33 from the Province of Ulster, showing that the allegation that most of the students come from Ulster is unfounded. Of a total of 47 Scholarships awarded, 26 were gained by students from the counties of Galway, Roscommon, Longford, and Clare, 17 being awarded to students from the county of Galway alone.

These facts are instructive in view of a statement made before the recent Royal Commission on University Education in Ireland by one whose evidence doubtless carried great weight—that “they,” the Galway students, “are clever young fellows from Ulster, who see an opportunity of using these Bursaries for their own advancement.”

In the examinations of the Royal University in 1902 the success of this College was again marked. The distinctions gained were :—

Exhibitions.—3 First Class.

5 Second Class.

Honours.—6 First Class.

11 Second Class.

In addition, Mr. Thomas Stuart, M.A., B.Sc., gained the high distinction of the Junior Fellowship in Mathematical Science, and Miss Cecilia Steinberger, B.A., the “Dr. and Mrs.

Browne" Gold Medal and Prize, given to the Royal University by Dr. W. A. Browne, an *alumnus* of Queen's College, Galway, for proficiency in the colloquial knowledge of the French and German languages.

Mr. T. G. Strain, a student of this College, has been awarded an Entrance Scholarship at St. John's College, Cambridge, taking first place in the examination, and Miss Frances L. Thompson, another student, has been awarded the "Mary Anne Leighton Scholarship" for Classics in Girton College, Cambridge.

In past years I have referred to the research work done in the College, as I hold strongly that such work is one of the important functions which a University College is called upon to discharge.

The following are some of the papers published during the past session :—

(1.) By Professor T. J. I'a Bromwich :—

- (a.) "The Discriminant of a Family of Curves or Surfaces." (In conjunction with Mr. R. W. H. T. Hudson, Fellow of St. John's College, Cambridge, and Lecturer at University College, Liverpool.) (*Quart. Jour. of Math.*)
- (b.) "The line of Inflexions of a Plane Unicursal Cubic." (*Mess. of Math.*)
- (c.) "The Caustic by reflection of a Circle." (*Amer. Jour. of Math.*)
- (d.) "Note on Double Limits and on the Inversion of a Repeated Infinite Integral." (*Proc. Lond. Math. Soc.*)
- (e.) "On similar Conics through three Points." (*Trans. Amer. Math. Soc.*)

(2.) By Professor R. J. Anderson :—

- (a.) "Occipital Condyles in Mammals." (*Brit. Med. Assoc., Manchester.*)
- (b.) "Some points in the Anatomy of the Pilot Whale." (*Brit. Assoc., Belfast.*)
- (c.) "A contribution to the circulation in Plant Stems." (*Brit. Assoc., Belfast.*)
- (d.) "The Relations of the Ante-inferior angle of the Parietal Bone in Primates." (*Brit. Assoc., Belfast.*)
- (e.) "The Premaxilla in Primates." (*International Med. Congress, Madrid.*)
- (f.) "Muscle moulding and its significance." (*International Med. Congress, Madrid.*)

In the Chemical Laboratory, research work has, as usual, taken a prominent place. Professor Senier has further prosecuted the study of a naphthacridine, a compound whose discovery is due to him and his assistant, Mr. Goodwin. He has

also continued his further study of acridine synthesis by the interaction of certain aromatic compounds and methylene diiodide. In these investigations he was assisted, first, by Mr. Goodwin, and, then, by Miss Micklethwaite, A.R.C.S.

In addition to these inquiries he has made further progress in the examination of the constitution of cyanuric acid, assisted by Mr. Thomas Walsh, B.A.

Investigations conducted by Professor Senier and Mr. W. S. Mills, M.A., are also in progress with a view to extending some recent discoveries in Organic Chemistry and applying them to photographic manufacturing processes. This work has so far advanced that a preliminary report has just been completed.

The subsequent careers of students after leaving this College bear testimony to the quality of the educational training received in its class-rooms. It is with much satisfaction that I refer in this connection to the following examples which seem to call for special mention :—

Mr. Frank S. Rishworth, B.E., B.A., who entered this College as First Science Scholar in 1894, has been appointed Instructor in Engineering under the Egyptian Ministry of Education. Dr. Wm. H. Maxwell, who entered this College in 1869 as First Literary Scholar, has achieved remarkable distinction in the educational world, and is now Chief Superintendent of Schools in New York. "He is head of the largest and finest public school system in the world, and directs, perhaps, the most diversified curriculum arranged by an educational authority. His staff numbers fourteen thousand."** Mr. William Gannon, M.A., who entered this College as First Science Scholar in 1886, has just been appointed Principal of the Woolwich Polytechnic. He has been selected out of more than a hundred applicants to draw up and carry through a scheme of educational organisation in this important centre of industry. Mr. William Goodwin, who, during the past year, has been engaged with Professor Tollens at the University of Göttingen in investigations connected with Chemistry in its relations to Agriculture, has had his 1851 Exhibition Scholarship renewed for a second year, and has obtained permission to work, during the coming Session, with Professor Maquenne at the Muséum d'histoire naturelle in Paris. A paper by Mr. Goodwin on *phloroglucid* is about to be published in the *Berichte der deutschen chemischen Gesellschaft*. The 1851 Exhibition Scholarship of Mr. W. S. Mills was exceptionally renewed for a third year on the ground of researches done with Professor Harries in the University of Berlin. These researches include papers on :—

- (a.) "The Constitution of Isothujon,"
- (b.) "The Action of Oxides of Nitrogen on Oximido Compounds," and
- (c.) "The Preparation of Oximido Compounds."

Mr. Mills has also completed researches on—

- (a.) "The Synthesis of Bromoglucosides leading to Aminoglucosides,"
- (b.) "The Preparation of Synthetical Glucosides," and
- (c.) "The Synthesis of Galactosides," the first with Professor Emil Fischer of Berlin University, and the others with Professor Ryan of University College, Dublin, who was himself a student of this College.

The results to which I have above referred as well as those to which I have had the privilege of referring in past years have been achieved in the face of many difficulties. All the departments of the College are much in need of additional grants for apparatus and assistance. The Biological and Pathological laboratories are altogether inadequate, the rooms set apart for the study of these subjects being most unsuitable. The need for additional endowment is a matter of pressing importance. It requires no argument to support the contention that the amount considered necessary for the working of a College twenty or thirty years ago falls far short of present needs. The following recommendations and report which I have received from the Professor of Anatomy and Physiology in reference to his own department will serve as an example of the defective equipment which generally exists in the College and the urgent need for additional endowment :—

- (1.) "The Anatomical Museum should be renewed. The method of mounting specimens practised at the time it was formed is now antiquated. Every specimen mounted in the old way should be moved into glass-covered jars.
- (2.) "A new set of formalin-hardened specimens should be prepared.
- (3.) "Whatever is possible should be done to provide more floor-space. The experimental, chemical, and histological branches of Practical Physiology would fill the whole space of the museum, and more, if properly fitted out.
- (4.) "The Pathological specimens should be mounted in the same way. They are mixed up with the others and, if it could be done, a separate museum for them should be provided.

"These difficulties are not peculiar to Galway. The old schools are renewing their stock of specimens and adding new buildings on every side. To expect a museum to grow of itself without a curator charged with the care of it is not reasonable. A curator was mentioned by my predecessor in several of his reports; the Professor of Anatomy in Belfast is about to make a similar application now, his museum being in pretty much the

same condition as mine. I think a curator should be appointed here at a reasonable pay, for, whatever might have been expected of the Professor of Anatomy when his emoluments were adequate, it could not be expected that he should devote his vacation to the work of a curator with the present income of the chair. The Professor of Anatomy in Edinburgh University receives £1,400 as Professor, and £200 as curator of the museum.

"What I have done in the direction of improvements is this : A new refurnishing of the old Dissecting Room ; an attempt to get up some sort of Chemical Laboratory for Physiology students ; a fairly good Experimental Physiology installation. I have bought a good deal of glass ware in the hope that I might have secured a good man as Porter. I have found that everybody is anxious to hear of such a man, and, when found, he is worth £100 a year—far beyond what I understood would be allowed for a Porter here."

But it is sufficient to refer in this connection to the recent Report of the Royal Commission on University Education in Ireland. It states that "it should be clearly understood that these Colleges (Cork and Galway) are insufficiently equipped for the purposes of University Education, and that the equipment which barely satisfied the scientific needs of the middle of the last century, is lamentably insufficient at the present day." No additional endowment to these Colleges is, however, recommended until they "are in a position more adequately to spread the advantages of education among the population of the South and West, which is mainly Roman Catholic." I venture to predict that, until the *Colleges are sufficiently equipped*, this most desirable end will not be attained.

I regret to have to report a serious loss to the College in the death of Professor Philip Sandford, M.A., at the early age of 48. No member of the staff took a deeper interest in the welfare of the College. His various contributions to Classical Literature are marked by that originality and freshness which characterised his lectures. But he was more than a Scholar and a Professor. He was the friend and companion of the students, ever ready to give them the benefit of his counsel and advice.

Mr. C. F. Bastable, LL.D., who has been Professor of Political Economy and Jurisprudence in this College since March, 1883, has resigned his Chair on being appointed to a Professorship in Trinity College, Dublin.

The Right Honorable the Earl of Westmeath and the Right Honorable Lord Clonbrock, K.P., have been appointed, under the Royal Sign Manual, Visitors of the College.

Testified by Your Majesty's most faithful subject and dutiful servant,

ALEX. ANDERSON, President.

August 6th, 1903.

APPENDICES.

APPENDIX A.

REPORTS of DEANS of RESIDENCES for the Session 1902-1903.

" The Rectory, Galway,
 " 22nd July, 1903.
 " The President,
 " The Queen's College,
 " Galway.

" DEAR SIR.—I beg leave to report that the conduct of the Church of Ireland students of the Queen's College, Galway, during the session 1902-3 was—as far as my observation went—very good.

" They were regular in their attendance at church, as a rule. I am not aware that anything occurred during the session that requires special notice.

" I remain, dear Sir,
 " Yours very truly,
 " J. FLEETWOOD BERRY."

" Spires House,
 " Galway,
 " 17th July, 1903.

" DEAR MR. PRESIDENT.—I beg to report that during the session 1902-03, the conduct of the students under my care was satisfactory. The attendance at public worship and the Bible Class was above the average, and, in very many cases, most exemplary.

" The Students' Christian Union had a very successful session.

" I am,
 " Yours sincerely,
 " J. COURtenay CLARKE."

" Methodist Manse,
 " Galway.
 " July 20th, 1903.

" DEAR MR. PRESIDENT.—It affords me pleasure to be able to testify that the character and deportment of the students under my care for the past year have been excellent.

" Yours very truly,
 " HUGH M'GAHIE."

APPENDIX B.

I.—RETURN showing the NUMBER of STUDENTS who entered QUEEN'S COLLEGE, GALWAY, in the SESSION 1902-1903.

	Matriculated.	Non-Matriculated.	Total.
Church of Ireland,	4	2	6
Roman Catholics,	14	2	16
Presbyterians,	16	3	19
Wesleyan Methodists,	1	—	1
Various,	—	—	—
Total,	35	7	42

With regard to religious denominations, the Students are classified as they designate themselves in the forms filled up at entrance.

II.—RETURN showing the TOTAL NUMBER of STUDENTS attending in the SESSION 1902-1903, their RELIGIOUS PERSUASIONS, and their DISTRIBUTION among the FACULTIES.

FACULTIES.	Church of Ireland.	Roman Catholics.	Presbyterians.	Wesleyan Methodists.	Various.	Total.
Arts,	8	14	30	5	—	58
Law,	—	5	—	—	—	5
Medicine,	5	22	12	9	—	41
Engineering,	4	15	10	—	—	29
Music,	—	—	—	—	—	—
	17	56	52	5	—	130
Deduct— Attending in two Faculties,	1	6	3	2	—	12
Total separate Individuals,	16	50	49	3	—	118

III.—NUMBER AND RELIGIOUS PERSUASIONS of STUDENTS who have entered the Queen's College, Galway, in each year from its opening.

Session.	Matriculated Students.	Non-Matriculated Students.	Total.	Members of Church of Ireland.	Roman Catholics.	Presbyterians.	Wesleyan Methodists.	Independents.	Various.	Total.
1849-50,	64	4	68	24	33	6	-	-	-	68
1850-51,	23	3	26	10	9	7	-	-	-	26
1851-52,	31	5	36	13	21	2	-	-	-	36
1852-53,	21	2	23	8	12	3	-	-	-	23
1853-54,	25	5	30	12	15	2	-	-	-	30
1854-55,	26	15	41	18	18	5	2	-	-	41
1855-56,	32	7	39	14	15	3	-	1	-	39
1856-57,	35	8	43	15	22	3	-	1	-	43
1857-58,	36	7	43	16	17	9	-	1	-	43
1858-59,	44	4	48	20	19	2	-	1	-	48
1859-60,	23	5	40	12	25	1	-	1	1	40
1860-61,	59	1	60	13	33	12	-	-	-	60
1861-62,	59	3	62	21	35	6	-	-	-	62
1862-63,	60	4	64	18	27	16	1	-	2	64
1863-64,	54	5	59	20	21	11	2	4	1	59
1864-65,	58	12	70	26	28	13	-	9	1	70
1865-66,	46	3	49	16	19	10	-	-	1	49
1866-67,	42	2	44	14	18	7	3	-	-	44
1867-68,	44	3	47	14	20	11	2	-	-	47
1868-69,	46	4	60	20	24	15	-	-	-	60
1869-70,	49	5	54	20	25	6	2	-	-	54
1870-71,	52	6	58	22	23	12	-	-	-	58
1871-72,	64	1	65	19	31	11	3	-	-	65
1872-73,	55	4	59	17	24	14	-	9	1	59
1873-74,	70	3	83	27	31	21	3	-	-	83
1874-75,	67	7	74	24	35	14	-	1	-	74
1875-76,	83	10	91	21	35	31	3	-	-	91
1876-77,	71	4	85	26	34	21	3	-	1	85
1877-78,	67	6	73	18	23	29	3	-	-	73
1878-79,	84	4	88	24	35	24	2	3	-	80
1879-80,	96	3	99	27	39	22	2	1	1	99
1880-81,	93	9	103	24	41	39	1	-	-	105
1881-82,	73	8	81	16	36	21	4	-	-	81
1882-83,	31	3	34	7	15	11	-	-	1	34
1883-84,	24	4	32	3	13	14	-	-	1	32
1884-85,	34	8	42	14	10	17	-	-	1	42
1885-86,	23	8	31	5	14	11	-	-	-	31
1886-87,	40	3	43	8	26	15	-	-	-	43
1887-88,	29	4	33	7	13	11	2	-	-	33
1888-89,	40	2	42	14	11	19	1	-	-	42
1889-90,	40	4	44	10	20	14	-	-	-	44
1890-91,	38	5	43	11	12	17	3	-	-	43
1891-92,	37	2	39	6	12	18	3	-	-	39
1892-93,	32	2	34	4	17	13	-	-	-	34
1893-94,	38	2	40	10	9	19	-	-	-	40
1894-95,	32	1	33	4	18	10	-	-	-	33
1895-96,	34	1	35	4	21	9	-	-	-	35
1896-97,	25	6	31	2	12	12	3	-	2	31
1897-98,	26	-	26	3	13	9	-	-	1	26
1898-99,	23	3	26	3	10	10	2	-	-	26
1899-1900,	37	10	47	8	21	17	1	-	-	47
1900-1901,	28	7	35	7	12	13	2	-	-	35
1901-1902,	35	2	37	6	10	10	1	-	-	37
1902-1903,	36	6	42	6	16	19	1	-	-	42
Total,	2,439	253	2,692	744	1,130	696	83	23	17	2,692

* Including three who had previously been in attendance as non-matriculated students.

† Including two who had previously been in attendance as non-matriculated students.

‡ Including one who had previously been in attendance as a non-matriculated student.

IV.—NUMBERS AND RELIGIOUS PERSUASIONS OF STUDENTS attending Lectures in the Queen's College, Galway, in each Session from its opening.

Session.	Matriculated Students.	Non-Matriculated Students.	Total.	Members of Church of Ireland.	Roman Catholics.	Presbyterians.	Wesleyan Methodists.	Independents.	Various.	Total.
1849-50, . . .	64	4	68	24	38	6	-	-	-	68
1850-51, . . .	60	3	63	22	28	15	-	-	-	63
1851-52, . . .	68	5	73	25	41	7	-	-	-	73
1852-53, . . .	73	2	75	26	40	9	-	-	-	75
1853-54, . . .	76	5	81	30	42	9	-	-	-	81
1854-55, . . .	69	16	85	32	46	5	-	-	-	85
1855-56, . . .	78	9	97	26	42	14	6	6	1	87
1856-57, . . .	88	8	96	30	49	10	3	1	1	96
1857-58, . . .	92	8	100	31	47	16	3	1	1	100
1858-59, . . .	113	9	122	37	64	15	4	1	1	122
1859-60, . . .	111	7	118	31	69	11	2	1	1	118
1860-61, . . .	141	3	144	33	85	19	3	1	1	144
1861-62, . . .	148	5	153	39	91	19	3	1	1	153
1862-63, . . .	161	4	165	53	95	32	3	1	1	165
1863-64, . . .	160	5	165	41	91	25	3	4	1	165
1864-65, . . .	157	12	169	50	78	31	2	6	2	169
1865-66, . . .	139	5	144	33	71	29	4	4	1	144
1866-67, . . .	133	2	135	36	62	27	4	5	1	135
1867-68, . . .	124	3	127	34	54	32	3	4	1	127
1868-69, . . .	146	4	150	47	63	34	2	4	1	150
1869-70, . . .	130	8	138	42	66	24	2	1	1	138
1870-71, . . .	115	6	123	37	62	20	-	4	1	123
1871-72, . . .	139	2	141	31	79	25	4	1	1	141
1872-73, . . .	135	3	138	28	68	35	3	1	1	138
1873-74, . . .	132	4	156	35	77	38	5	1	1	156
1874-75, . . .	149	6	153	37	71	40	4	2	1	155
1875-76, . . .	156	11	167	28	82	30	3	4	1	167
1876-77, . . .	163	9	174	26	89	58	4	2	1	174
1877-78, . . .	166	9	175	36	73	61	5	1	1	175
1878-79, . . .	162	5	167	29	68	64	3	3	1	167
1879-80, . . .	176	4	180	29	72	63	2	1	1	180
1880-81, . . .	201	7	208	34	87	78	9	1	1	208
1881-82, . . .	192	9	201	41	85	65	10	1	1	201
1882-83, . . .	141	3	144	28	67	44	4	1	1	144
1883-84, . . .	99	4	103	15	45	40	2	1	1	103
1884-85, . . .	95	5	100	21	27	48	12	1	1	100
1885-86, . . .	85	9	94	19	29	42	3	-	1	94
1886-87, . . .	99	4	103	18	38	45	2	1	1	103
1887-88, . . .	95	5	100	17	36	43	3	1	1	107
1888-89, . . .	105	2	107	17	36	50	3	1	-	100
1889-90, . . .	118	4	122	18	51	51	1	1	-	122
1890-91, . . .	105	6	111	18	42	47	4	-	-	111
1891-92, . . .	108	2	110	23	37	44	6	-	-	110
1892-93, . . .	104	4	108	13	46	45	4	-	-	108
1893-94, . . .	118	2	120	20	51	44	-	-	-	120
1894-95, . . .	113	-	114	19	47	45	3	-	-	114
1895-96, . . .	104	-	105	17	48	38	-	-	-	105
1896-97, . . .	101	4	105	14	46	38	-	-	2	105
1897-98, . . .	91	-	91	15	36	34	6	-	4	91
1898-99, . . .	79	4	83	11	28	34	6	-	4	83
1899-1900, . . .	99	11	110	15	48	41	4	-	2	110
1900-1901, . . .	84	13	97	14	38	38	7	-	-	97
1901-1902, . . .	85	8	93	14	35	40	4	-	-	93
1902-1903, . . .	105	13	118	16	50	49	3	-	-	118

V.—RETURN showing the LOCALITY of STUDENTS present during the Session 1902-1903, according to Provinces, and from elsewhere than Ireland.

Province of Connaught,	Students.
" Munster,	57
" Ulster,	19
" Leinster,	33
England,	5
	4
Total,	118

VI.—RETURN showing the AVERAGE AGE of the STUDENTS present during the Session 1902-1903.

Age,	Students.	Age,	Students.
Under 17 years,	3	20 and under 21,	21
17 and under 18,	6	Above 21 years,	53
18 " 19,	18		
19 " 20,	17	Total,	118

VII.—TABLE containing a LIST of the several SUBJECTS Lectured upon during the Session 1902-1903, the NUMBER of LECTURES given on each Subject, and the NUMBER of STUDENTS attending the Classes in each Subject.

	No. of Lectures on each Subject.	No. of Students attending the Classes in each Subject.
Greek,	390	13
Latin,	356	28
Mathematics,	239	57
Natural Philosophy,	316	61
Practical Physics,	31	24
English Language,	176	27
" Literature and History,	68	7
Metaphysics,	132	31
Logic,	381*	29
Chemistry—Theoretical,	64	12
" Practical,	53	12
Botany,	42	11
Zoology,	72	8
Practical Biology,	322	34
Mineralogy and Geology,	24	2
Modern Languages,	43	6
Political Economy,	39	6
Jurisprudence and Civil Law,	101	16
English Law,	30	8
Physiology, Senior and Junior Classes,	30	8
Practical Physiology,	85	29
Practical Histology,	53	9
Anatomy,	52	9
Medicine,	36	12
Surgery,	21	6
Materia Medica,	51	8
Practical Pharmacy,	34	6
Midwifery,	398	29
Medical Jurisprudence,		
Engineering and Drawing,		

* In addition to these Practical Classes a Research Class worked throughout the Session.

VIII.—TABLE showing the NUMBER of SCHOLARSHIPS in each FACULTY, the NUMBER AWARDED, and the NUMBER of EXHIBITIONS and PRIZES AWARDED :—

	Total No. of Scholarships.	No. of Scholarships Awarded.	No. of Exhibitions Awarded.
Arts—			
Junior Scholarships, First Year, . . .	10	10	2
Junior Scholarships, Second Year, . . .	10	8	3
Junior Scholarships, Third Year, . . .	10	6	1
Senior Scholarships, . . .	7	5	(1 Prize)
Law—			
Junior Scholarships, First Year, . . .	1	1	1
Junior Scholarships, Second Year, . . .	1	1	—
Medicine—			
Junior Scholarships, First Year, . . .	2	2	3
Junior Scholarships, Second Year, . . .	2	2	2
Junior Scholarships, Third Year, . . .	2	2	1
Junior Scholarships, Fourth Year, . . .	2	2	1
Senior Scholarships, . . .	1	1	—
Engineering—			
Junior Scholarships, First Year, . . .	2	2	2
Junior Scholarships, Second Year, . . .	2	3	—
Junior Scholarships, Third Year, . . .	1	1	—
Senior Scholarships, . . .	1	1	—
	<hr/> Totals, . . .	<hr/> 54	<hr/> 47
			16 and 1 Prize.

IX.—LIST of SCHOLARSHIPS, EXHIBITIONS, and PRIZES Awarded at Scholarship Examinations in the Session 1902–1903.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

Ancient Classics.

Samuel Angus, B.A.

Modern Languages.

Cecile L. M. Steinberger, B.A.

Mathematics.

George Maxwell.

Metaphysics, Political Science, and History.

Patrick J. Lydon, B.A.

Chemistry.

Robert Brash.

SENIOR PRIZE.

Ancient Classics.

Patrick J. Kenny.

JUNIOR SCHOLARSHIPS AND EXHIBITIONS.

THIRD YEAR.

*Literary Division.**Scholarships.*

Samuel Minnis.	Mary D. Eakin.
Frances L. Thompson.	

Exhibition.

William J. M'Farland.

*Science Division.**Scholarships.*

Agnes M. Perry.	Robert A. M. L. M'Crea.
Rosalind Clarke.	

SECOND YEAR.

*Literary Division.**Scholarships.*

Janet W. Brash.	Louis T. L. M'Clean.
Michael O'Brien.	John Forsythe.

Exhibitions.

John C. Macaulay.	Katie Moon.
-------------------	-------------

*Science Division.**Scholarships.*

John E. A. Lynham.	*Alexander L. Harrison.
Edwin Watson.	James J. Haanigan.

Exhibition.

Robert C. Dick

FIRST YEAR.

*Literary Division.**Scholarships.*

William D. W. Matthews.	Rachel J. L. Henry.
Janet H. Perry.	Lillian E. M. Lynham
Gervnis S. C. Rentoul.	

Exhibition.

James Dick.

*Science Division.**Scholarships.*

Philip Christopher Fogarty.	George T. Brash.
*Stephen J. M'Donagh.	Ernest F. M'Cleary.
Alice Jacqueline Perry.	

Exhibition.

Thomas Kennedy.

* Mr. Harrison also qualified for a Scholarship in the Literary Division, having obtained Fifth place.

† Mr. M'Donagh also qualified for a Scholarship in the Literary Division, having obtained Second place.

FACULTY OF LAW.

FIRST YEAR.

Scholarships.

John B. Lynch.

Exhibition.

William J. Burke.

SECOND YEAR.

Scholarship.

Patrick J. Cusack.

FACULTY OF MEDICINE.

Senior Scholarship in Anatomy and Physiology.

Samuel Porterfield, M.A.

FOURTH YEAR.

Scholarships.

John G. Shanklin. | James Flack.

Exhibition.

James Byrne.

THIRD YEAR.

Scholarships.

Isaac Flack. | John Dowling.

Exhibition.

Patrick J. Grogan.

SECOND YEAR.

Scholarships.

James J. A. Gannon. | John L. Dunlop.

Exhibitions.

William F. A. Carson. | Richard G. C. M. Kinkead.

FIRST YEAR.

*Literary Division.**Scholarships.*

Christina M. C. Dagg.

Exhibitions.

Joseph D. G. Burke. | Christopher F. X. O'Sullivan.

*Science Division.**Scholarships.*

William J. Garry.

Exhibition.

John Hughes.

ENGINEERING DEPARTMENT.

Senior Scholarship.

John S. M'Lachlan, B.A.

THIRD YEAR.

Scholarship.

Robert B. M'Lachlan.

SECOND YEAR.

*Scholarships.*Robert M. Duncan. | Henry W. S. Smith.
Cuthbert F. Montagu.

FIRST YEAR.

Scholarships.

Thomas May. | Robert C. Hickson.

Exhibitions.

John McCarthy. | Henry A. McGillycuddy.

The "Dr. and Mrs. W. A. Brosene" Scholarship.

Samuel Minnis.

"Blayney Bequest" Exhibition.

Frances L. Thompson.

X.—LIST OF PRIZES AWARDED at the SESSIONAL EXAMINATIONS in the SESSION 1902-1903.

FACULTY OF ARTS.

FIRST YEAR.

Latin—2nd	Rank,	Philip C. Fogarty.
"	"	Janet H. Perry.
"	"	Stephen M'Donagh.
"	"	Alice J. Perry.
French—1st	Rank,	Philip C. Fogarty.
"	2nd "	Janet H. Perry.
German—2nd	Rank	Stephen M'Donagh.
English—1st	"	Janet H. Perry.
"	"	Alice J. Perry.
"	"	Philip C. Fogarty.
"	"	Stephen M'Donagh.
"	2nd "	Rachel J. L. Henry.
Mathematics—1st	Rank,	Janet H. Perry.
"	2nd "	Stephen M'Donagh.

SECOND YEAR.

Latin—2nd	Rank,	John B. Lynch.
Greek—2nd	"	John B. Lynch.
"	"	Loais T. L. McClean.
French—2nd	"	Janet W. Brash.
German—2nd	"	Janet W. Brash.
English—1st	"	Alexander L. Harrison.
"	"	John B. Lynch.
"	2nd "	Janet W. Brash.
Chemistry—1st	Rank,	Michael O'Brien.
"	2nd "	John E. A. Lynham.
Logic—1st	"	John B. Lynch.
Experimental Physics—		Alexander L. Harrison.
2nd Rank,		
Practical Physics—		John E. A. Lynham.
2nd Rank,		Alexander L. Harrison.
Practical Biology—		John C. Macaulay.
2nd Rank,		

THIRD YEAR.

Greek—2nd	Rank,	Frances L. Thompson.
Latin—1st	"	Frances L. Thompson.
French—2nd	"	Samuel Minnis.
German—2nd	"	Samuel Minnis.
English—1st	"	Samuel Minnis.
"	2nd "	Mary D. Eakin.
Mathematics—1st	Rank,	Agnes M. Perry.
Chemistry—2nd	"	Rosalind Clarke.
Metaphysics—2nd	Rank,	William J. McFarland.
Practical Biology—		
2nd Rank,		Robert A. M. L. McCrea.
Botany—1st	"	Robert A. M. L. McCrea.
Experimental Physics—		Rosalind Clarke.
2nd Rank,		
Practical Physics—		Gilmore Bell.
2nd Rank,		
Practical Chemistry—		
1st Rank,		Robert Brash.

POSTGRADUATE.

Greek—2nd Rank,	Samuel Angus.
Latin—1st , ,	Samuel Angus.
Mathematical Physics—	
1st Rank,	James Warnock.
Experimental Physics—	
2nd Rank,	James Warnock.

FACULTY OF LAW.

FIRST YEAR.

Jurisprudence and Political Economy—1st Rank, John B. Lynch.
" " " William J. Burke.
English Law—2nd Rank, John B. Lynch.

FACULTY OF MEDICINE

FIRST YEAR.

Practical Anatomy—	
2nd Rank,	Christina M. C. Dagg.
2nd Rank,	John W. Garry.
Chemistry—1st Rank	John E. A. Lynham.
,,—2nd	Joseph D. G. Burke.
Botany—2nd	John W. Garry.
Practical Biology—	
1st Rank,	John W. Garry.
2nd Rank,	John Hughes.
Practical Physics—	
2nd Rank,	Joseph D. G. Burke.

SECOND YEAR.

Practical Anatomy—			
1st Rank,			James J. A. Gannon.
2nd ,,			Joseph M. A. Costello.
			John L. Dunlop.
Physiology 2nd	,,		James J. A. Gannon.
Chemistry—1st			James J. A. Gannon.
,, ,,			John L. Dunlop.
,, ,,			William F. A. Carson.

THIRD YEAR.

Practical Anatomy—	
2nd Rank,	John Dowling.
" " "	Isaac Flack.
Descriptive Anatomy—	
2nd Rank,	Isaac Flack.
" " "	John Dowling.
Surgery—1st "	John Dowling.
Medicine—1st "	John Dowling.
2nd "	Isaac Flack.
Practical Histology—	
2nd Rank,	Samuel McCausland.

FOURTH YEAR.

Medical Jurisprudence—	
1st Rank,	John G. Shanklin.
2nd " "	James Byrne.
Midwifery—1st Rank,	John G. Shanklin.
2nd " "	James Byrne.
Pathology—2nd "	John G. Shanklin.

ENGINEERING.

Engineering—1st Rank,	Henry A. McGillicuddy.
2nd "	Thomas May.
Drawing—1st Rank,	Thomas May.
2nd "	Henry A. McGillicuddy.
Chemistry—1st Rank,	Thomas May.
2nd "	Henry A. McGillicuddy.
Mathematics—1st "	Thomas May.
Practical Physics—	
2nd Rank,	Thomas May.
" "	Henry A. McGillicuddy.

SECOND YEAR.

Engineering—1st Rank,	Cuthbert F. Montague.
2nd "	Henry W. S. Smith.
Drawing—2nd "	Robert C. Dick.
" "	William Dale.
Chemistry—1st "	Cuthbert F. Montague.
" "	Henry W. S. Smith.
2nd "	William Dale.

Mathematical Physics—	
2nd Rank,	Cuthbert F. Montague.

THIRD YEAR.

Engineering—1st Rank,	Robert B. McLachlan.
Drawing—1st "	John S. McLachlan.
" "	Robert B. McLachlan.
2nd "	Edwin Watson.
Mathematical Physics—	
1st Rank,	Edwin Watson.
Mineralogy and Geology,	
2nd Rank,	John S. McLachlan.
" "	Edwin Watson.

XI.—DEGREES, DIPLOMAS, HONOURS, &c., obtained by STUDENTS of the COLLEGE at the EXAMINATIONS of the ROYAL UNIVERSITY of IRELAND and other EXAMINATIONS in 1902.

AUTUMN.

FACULTY OF ARTS.

Junior Fellowship in Mathematical Science.

Stuart, Thomas. M.A., B.Sc.

The "Dr. and Mrs. W. A. Browne" Gold Medal and Prize.

Steinberger, Cécile L. M., B.A. (Sch.).

M.A. Degree Examination.

Honours in Modern Literature.

O'Neill, Joseph J., B.A., Second Class.

Pass.

McGrath, Edward H., B.A.

B.A. Degree Examination.

SUMMER.

Pass.

Curran, Anthony.		M'Lachlan, John S.
Hall, John.		Porterfield, Samuel.

Lyons, James A.

AUTUMN.

EXHIBITIONS.

Angus, Samuel (Sch.), First Class (£42).

Steinberger, Cécile L. M. (Sch.), First Class (£42).

Honours in Ancient Classics.

Angus, Samuel (Sch.), First Class.

Honours in Modern Literature.

Steinberger, Cécile L. M. (Sch.), First Class.

Pass.

Lydon, Patrick J.

Second University Examination.

SUMMER.

EXHIBITIONS.

Minnis, Samuel (Sch.), First Class (£36).

Perry, Agnes M. (Sch.) Second Class (£16).

Honours in Latin.

Minnis, Samuel (Sch.), Second Class.

Honours in English.

Minnis, Samuel (Sch.), First Class.

Honours in French.

Minnis, Samuel (Sch.) First Class (First Place).

Honours in German.

Minnis, Samuel (Sch.) First Class (First Place).

Honours in Mathematics.

Perry, Agnes M. (Sch.) Second Class.

Honours in Mathematical Physics.

Perry, Agnes M. (Sch.) Second Class.

Pass.

Clarke, Rosalind.	M'Lachlan, Robert B.
Compton, Arthur J. W.	Moore, John A.
Hannigan, James J.	Thompson, Francis L.
M'Crea, Robert A. M. L.	Walsh, Peter.
M'Farland, William J.	

*First University Examination.**SUMMER.**EXHIBITIONS.*

Lyaham, John E. A., Second Class (£15).

May, Thomas, Second Class (£15).

Brash, Janet W., Second Class (£15).

Honours in Latin.

May, Thomas, Second Class.

Brash, Janet W., Second Class.

Honours in English.

May, Thomas, Second Class.

Honours in German.

Brash, Janet W., First Class.

Honours in Mathematics.

Lyaham, John E. A., Second Class.

French.

May, Thomas.

Declared qualified to compete, but did not present himself for the Oral Examination.

Pass.

Compton, Samuel J. M.	Macaulay, John C.
Costello, Joseph M. A.	M'Clellan, Louis T. L.
Forsythe, John.	M'Gillycuddy, Henry A.
Hughes, John.	Moon, Katie.
Johnston, Georgina.	O'Sullivan, Christopher F. X.

*AUTUMN.**Pass.*

Burke, Joseph D. G.

FACULTY OF MEDICINE.

M.B., B.Ch., B.A.O. Degrees Examination.

SPRING.

Pass.

Clements, John.

AUTUMN.

Upper Pass.

Warnock, William.

Pass.

Best, Robert.

Third Examination in Medicine.

SPRING.

Pass.

Shanklin, John G.

Second Examination in Medicine.

SPRING.

Pass.

Flack, James. | Warnock, James, M.A.

First Examination in Medicine.

SUMMER.

*Pass.*Dunlop, John L. | Grogan, Patrick J.
Gannon, James A.

AUTUMN.

*Pass.*Costello, Joseph M. A. | McCrea, Robert A. M. L.
Henderson, William T.

SCHOOL OF ENGINEERING.

SUMMER.

*B.E. Degree Examination.**Honours.*Fleming, Samuel H., *n.s.s.*, Second Class*Pass.*

Mairs, William C.

*Second Professional Examination.**Exhibition.*

M'Lachlan, John S., Second Class (£18).

Honours.

M'Lachlan, John S., Second Class.

Pass.

Brash, Robert.

M'Lachlan, Robert B.

Watson, Edwin.

*First Professional Examination.**Pass.*

Dale, William

Dick, Robert C

Duncan, Robert M

Hannigan, James J.

Montagu, Cuthbert F.

Moore, John A.

Smith, Henry W. S.

OTHER DISTINCTIONS.*Under-Secretaryship to the Lord Lieutenant of Ireland.*MacDonnell, Sir Antony P., *D.L.L.*, *R.C.S.I.**An Instructorship in Engineering under the Egyptian Ministry of Education.*Rishworth, Frank S., *n.s.s.*, *B.A.**Assistant County Surveyorship.*

Hamilton, Thomas | O'Hara, Donald J.

*Renewal of Science Research Scholarship by H. M. Exhibition (1851) Commissioners.*Mills, William S., *n.s.s.*

XII.—STUDENTS of the COLLEGE who have been AWARDED JUNIOR FELLOWSHIPS, STUDENTSHIPS, SCHOLARSHIPS, EXHIBITIONS, or PRIZES in the ROYAL UNIVERSITY of IRELAND.

JUNIOR FELLOWSHIP.

McClelland, John A., M.A., in Natural Philosophy, 1895.
 Henry, John, M.A., B.E., do., 1899.
 Thomas Rea, M.A., in Modern Literature, 1901.

A prize of £50 was awarded to Hugh Ryan, B.A., for highly distinguished answering at the Junior Fellowship Examination in Chemistry with Experimental Physics, in 1897.

Stuart, Thomas, M.A., was awarded a Special Prize of £100 a year for two years, on account of the excellence of the original theses submitted by him at the Examination for Junior Fellowship in Mathematical Science in 1900.

Stuart, Thomas, M.A., D.Sc., in Mathematical Science, 1902.

UNIVERSITY STUDENTSHIPS.

Semple, Robert James, in History, Political Economy, and Political Philosophy, 1889.
 Kennedy, William, in Classics, 1890.
 Ryan, Hugh, M.A., in Experimental Science, 1898.

UNIVERSITY SCHOLARSHIPS.

Stuart, Thomas, in Mathematics, 1891.
 Strain, Thomas G., in Mathematics, 1898.
 Steinberger, Cécile L. M., in Modern Literature, 1900, First Class.
 Perry, Agnes M., in Mathematics (First Place), 1901.
 Minnis, Samuel, in Modern Literature (First Place), 1901.

AT M.A. EXAMINATION.

McClelland, John A., Special Prize, 1893, £60.
 Henry, John, Special Prize, 1894, £40.
 Ryan, Hugh, Gold Medal, 1897.

AT B.A. EXAMINATIONS.

Jordan, Michael J.,	Second Class Exhibition,	1888, £25.
Kennedy, William,	"	1888, £25.
Semple, R. J.,	"	£25.
Humphreys, John,	First Class	1890, £42.
Mangan, Denis,	Second Class	£21.
Paul, John,	"	£21.
Mahon, John S.,	First Class	1891, £42.
Barkitt, James P.,	Second Class	£21.
Kane, Thomas.	"	£21.
McClelland, John S.	"	1892, £21.
Carrie, Samuel,	"	1893, £21.

Henry, John, First Class	Exhibition,	1893, £42.
Kirwan, James St. L., Second Class	"	£21.
Entrican, Samuel W.,	"	1894, £21.
Flack, William T.,	"	" £21.
Hanna, Robert,	"	" £21.
Ryan, Hugh, First Class	"	1895, £42.
Johnston, James, Second Class	"	" £21.
Stuart, Thomas,	"	" £21.
Reid, John,	"	" £21.
Strain, James K.,	"	" £21.
Mayhew, Hugh,	"	1896, £21.
Watt, George,	"	" £21.
Carmichael, John S.,	"	1897, £21.
Hezlett, James M.,	"	" £21.
Mills, W. S.,	"	1898, £21.
Rea, Thomas, First Class	"	1899, £42.
Clarke, Margaret,	"	1900, £42.
Warnock, James,	"	1901, £42.
Cummins, Robert J., Second Class	"	" £21.
O'Neill, Joseph J.,	"	" £21.
Angus, Samuel, First Class,	"	1902, £42.
Steinberger, C. L. M.,	"	" £42.

AT SECOND ARTS EXAMINATION.

Maxwell, S. L., Second Class	Exhibition,	1882, £20.
Thompson, J.,	"	£20.
Evans, Isaac R., First Class	"	1883, £40.
Kennedy, William, Second Class	"	1887, £20.
Mahon, John S., First Class	"	1890, £36.
Emerson, Thomas, Second Class	"	" £18.
McClelland, John A.,	"	1891, £18.
O'Hara, C. H.,	"	1892, £18.
Henry, John, First Class	"	" £36.
Entrican, Samuel W., Second Class	"	1893, £18.
Hanna, Robert K.,	"	" £18.
Johnston, James, First Class	"	1894, £36.
Stuart, Thomas, Second Class	"	" £18.
Hezlett, James M., First Class	"	1896, £36.
Aimers, Margaret M., Second Class	"	1898, £18.
Clarke, Margaret,	"	" £18.
Strain, Thomas G., First Class	"	1899, £36.
O'Neill, Joseph J.,	"	1900, £36.
Warnock, James, Second Class,	"	" £18.
Lydon, Patrick J.,	"	" £18.
Steinberger, Cécile L. M.,	"	1901, £14.
Minnis, Samuel, First Class	"	1902, £36.
Perry, Agnes M., Second Class	"	" £18.

AT FIRST UNIVERSITY EXAMINATION.

M'Kee, Wm. John, First Class	Exhibition,	1885, £30.
Bain, Alexander, Second Class	"	1886, £15.
Gannon, William J.,	"	1887, £15.
Love, Robert,	"	1888, £15.
Burkitt, James P., First Class	"	1889, £30.
Mahon, John S.,	"	" £30.
Glendenning, James P. C., Second Class	"	" £15.
McClelland, John A.,	"	1890, £15.
O'Hara, Charles H.,	"	1891, £15.
Anderson, Henry,	"	" £15.

Stuart, Thomas, First Class	Exhibitom, 1892, £30.
Ryan, Hugh,	1893, £30.
Johnston, James, Second Class	" £15.
Neilson, Robert A., "	" £15.
Reid, John, First Class	1894, £30.
Lyons, F. W., Second Class	1894, £15.
Watson, John,	" £15.
Watt, George,	" £15.
Brown, Henry,	" £15.
Warnock, William, First Class,	1897, £30.
Renshaw, J. W., Second Class,	" £15.
Strain, Thomas G., First Class	1898, £30.
Warnock, James,	1899, £30.
Porterfield, Samuel, Second Class	" £15.
Bell, Gilmore,	1900, £15.
Brash, Robert,	" £15.
Kenny, Patrick J.,	" £15.
Perry, Agnes M., First Class	1901, £30.
Minnis, Samuel,	" £30.
Clarke, Rosalind, Second Class	" £15.
Lynham, John E. A.,	1902, £15.
May, Thomas,	" £15.
Brash, Janet W.,	" £15.

AT LL.B. EXAMINATION.

Nelson, Thomas E.,	A Prize,	1894, £25.
Moorhead, John E.,	"	1896, £50.
Brown, William, M.A.,	Second Class Exhibition,	1897, £25.
MacGregor, William, M.A.,	"	1897, £21.

AT M.B. EXAMINATION.

Macnamara, R. J., First Class Exhibition,	1894, £50.
Mahon, Ralph B.,	" 1895, £50.
Stewart, Joseph, Second Class	" 1897, £25.
Steen, James R.,	" 1898, £25.

AT M.CH. EXAMINATION.

Stewart, Joseph, Special Prize, 1897, £20.

TRAVELLING MEDICAL SCHOLARSHIP.

Stewart, Joseph, M.B.,	1890.
Steen, James R., M.B.,	1890.
Allen, Robert, M.B.,	1894.

AT THIRD EXAMINATION IN MEDICINE.

M'Kelvey, Thomas, Second Class Exhibition,	1896, £20.
Warnock, William,	" 1900, £20.

AT SECOND EXAMINATION IN MEDICINE.

Warnock, William, Second Class Exhibition, 1899, £15.

AT FIRST EXAMINATION IN MEDICINE.

Montgomery, Alex. W., First Class	Exhibition, 1893, £20
Ryan, Hugh, Second Class	" 1894, £10.
Warnock, William, First Class	" 1898, £20.

AT B.E. EXAMINATION.

Thompson, W. J., Second Class	Exhibition, 1882, £25.
Binns, Henry A., First Class	" 1883, £50.
Lynham, F. J.,	" 1884, £50.
O'Shaughnessy, M. M., Second Class	" " £25.
Thompson, Atwell, First Class	" 1886, £50.
Hall, Thomas A., Second Class	" 1888, £25.
McCay, Francis, n.s., First Class	" 1890, £42.
Burkitt, James P.,	" 1892, £42.
Kirwan, Robert J., Second Class	" 1893, £21.
Henry, John, n.s.,	" 1895, £21.
Carmichael, John S., First Class	" 1897, £42.
Rishworth, Frank S., Second Class	" 1898, £21.
Hall, Arthur A.,	" 1899, £21.
Cummins, Robert J.,	" 1900, £21.

AT SECOND EXAMINATION IN ENGINEERING.

O'Shaughnessy, Michael M., Second Class	Exhibition, 1883, £20
Thompson, Atwell, First Class	" 1885, £40.
McCay, Francis, Second Class	" 1888, £20.
Burkitt, James P.,	" 1891, £18.
Henry, John,	" 1894, £18.
Gaston, James,	" 1896, £18.
Rishworth, Frank S., First Class	" 1897, £26.
Fleming, George H., Second Class	" " £16.
Cummins, Roh. J.,	" 1899, £18
M'Lachlan, John S.,	" 1902, £18.

AT FIRST EXAMINATION IN ENGINEERING.

Thompson, Atwell, First Class	Exhibition, 1884, £30.
Burkitt, James P.,	" 1890, £30.
Henry, John,	" 1893, £30.
Rishworth, Frank S.,	" 1896, £30.
Fleming, George H., Second Class	" " £15.

XIII.—VISITORS, CORPORATE BODY, COUNCIL,
OFFICERS, AND LECTURERS.

VISITORS.

THE RIGHT REVEREND THE LORD BISHOP OF TUAM.

THE RIGHT HONOURABLE THE LORD CHIEF JUSTICE OF IRELAND.

THE RIGHT HONOURABLE THE EARL OF WESTMEATH.

THE RIGHT HONOURABLE LORD CLONBROCK, K.P.

THE MODERATOR OF THE GENERAL ASSEMBLY, FOR THE TIME BEING.

THE RIGHT HONOURABLE THE CHIEF SECRETARY FOR IRELAND, FOR THE TIME BEING.

THE PRESIDENT OF THE ROYAL COLLEGE OF PHYSICIANS, FOR THE TIME BEING.

THE PRESIDENT OF THE ROYAL COLLEGE OF SURGEONS, FOR THE TIME BEING.

President.

ALEXANDER ANDERSON, M.A., CAMB., Hon. LL.D. Glasgow, late Fellow of Sidney Sussex College, Cambridge; Senator of the Royal University of Ireland.

Professors.

Greek,	R. KNOX M'ELDERREY, M.A., CAMB., Fellow of St. John's College.
Latin,	Vacant.
Mathematics,	THOMAS J. PAXSON BROMWICH, M.A., CAMB., Fellow of St. John's College; Examiner, R.U.L.
Natural Philosophy,	The PRESIDENT.
History, English Literature, and Mental Science,	WILLIAM F. TRENCH, M.A., DUB., Examiner, R.U.L.
Chemistry,	ALFRED SENIER, PH.D., BERLIS.
Natural History, Mineralogy, and Geology,	RICHARD J. ANDERSON, M.A., M.D., R.U.L., M.R.C.S. ENG., Examiner, R.U.L.
Modern Languages,	VALENTINE STEINBERGER, M.A., F.R.U.L.
Jurisprudence and Political Economy,	Vacant.
English Law,	WILLIAM B. CAMPION, B.A., DUB., Serjeant-at-Law.
Anatomy and Physiology,	JOSEPH P. PYE, M.D., M.CH., D.S.C., F.R.U.L.
Practice of Medicine,	JOHN ISAAC LYNHAM, M.D., M.CH., M.A.O., F.R.U.L.
Practice of Surgery,	WM. W. BRERETON, L.R.C.S.I., M.R.C.P.I.
Materia Medica,	NICHOLAS W. COAHAN, M.D., M.CH., R.U.L.
Midwifery,	RICHARD JOHN KINKEAD, B.A., M.D., DUB., L.R.C.S.I.
Civil Engineering,	EDWARD TOWNSEND, M.A., DUB., D.S.C., Examiner, R.U.L.

(*The above constitute the Corporate Body.*)

*Council.**THE PRESIDENT.*

Professor LYNNAM, " STEINBERGER.	Professor SENIER. Vacant.	Professor TOWNSEND. " KINKEAD.
-------------------------------------	------------------------------	-----------------------------------

Office Bearers.

Registrar,	Professor TOWNSEND.
Bursar,	" LYNNAM.
Librarian,	" STEINBERGER.

Deans of Residences.

Church of Ireland,	Rev. JAMES F. BERRY, B.D.
General Assembly of the Presbyterian Church in Ireland,	Rev. JOHN C. CLARKE, D.D.
Methodist Church,	Rev. HUGH M'GARIE.

Lecturers.

Medical Jurisprudence,	{ Professor KINKEAD. " SENIER.
Clinical Fever,	" COAHAN.
Pathology,	WILLIAM A. SANDS, M.B.
Music,	WALTER WILLIAMS, A.R.C.M., F.R.C.O.
Electrical Engineering,	F. ALWYN HAIGH, B.Sc., A.I.E.E.

Demonstrators and Assistants.

Natural Philosophy,	JAMES WARNOCK, B.A.
Chemistry,	THOMAS WALSH, B.A.
Anatomy,	SAMUEL PORTERFIELD, B.A.
English,	JOHN J. O'NEILL, M.A.
Biology,	JOHN BYRNE.

APPENDIX C.

Return showing List of Professors and Officers in the COLLEGE, Dates of APPOINTMENT, their SALARIES, and EXPENSES as STATUTABLE UNIVERSITY EXAMINERS or from COLLEGE FEES.

NAME.	Date of Appointment of present Professor.	Salary from Endowment of Chair.	Endowments.	Pension to University Examiner.	Class Fees, Session 1898-1899.	Observations.	
						£	s.
The Professor of Greek, Latin, Mathematics, Natural Philosophy, History, English Literature, and Mental Sciences,	May, 1902, January, 1890, January, 1902, December, 1885,	330 330 330 220	—	26 0 0 58 0 0 87 0 0 175 0 0	65 0 0 146 10 0 47 0 0 —	65 146 47 —	d.
Chemistry, Natural History, Mineralogy and Geology, Modern Languages, Jurisprudence and Political Economy, English Law, Anatomy and Physiology, Practice of Medicine, Practice of Surgery, Materia Medica and Pharmacy, Midwifery, Civil Engineering, Lecturers on: Medical Jurisprudence, Officer.	June, 1899, November, 1891, November, 1883, July, 1886, March, 1883, February, 1859, November, 1873, November, 1879, January, 1888, February, 1879, October, 1876, November, 1860, —	340 300 300 920 150 150 920 150 150 150 300 —	—	71 0 0 8 0 0 8 0 0 160 0 0 16 0 0 13 0 0 34 0 0 13 0 0 80 0 0 *142 0 0 OFFICE.	—	—	
The Registrar, The Bursar, The Acting Librarian,	March, 1890, October, 1893, March, 1902,	—	—	75 75 75	£ 11030 10 0		

* This sum was paid to the Professors of Midwifery and Chemistry, who are joint Lecturers on Medical Jurisprudence.

† Exclusive of £6 paid to Lecturer in Pathology.

APPENDIX

ACCOUNT of the RECEIPTS and EXPENDITURE of the

RECEIPTS.						
	£	s.	d.	£	s.	d.
Balances on 1st April, 1902, viz.:-						
General Account,						
Grant Charged on Consolidated Fund (net amount received),						
Annual Grant of Parliament, viz.:-						
In Aid of Expenses of Maintenance,						
Professors' Class Fees (to 31st March, 1902),						
College Fees, 25 Students at 10s.,						
Dividends on Stock (£1,369 10s.), M. G. W. R. Co.,						
* Do. (£1,112 15s. 0d.),						
† Do. (£1,359 0s. 0d.),						
Library Deposits,						
Proceeds of Sale of Stock,						
Miscellaneous Receipts,						
The Commissioners of the Exhibition Scholarship of 1851 (special),						
TOTAL,						
	—			£11,787	5	10

* Government Stock, Mayne Bequest Scholarship Fund.

† Government Stock, Dr. and Mrs. Browne Scholarship Fund.

D.

COLLEGE, for the year ended 31st March, 1903.

PAYMENTS.				£ s. d.		
Salaries, &c., paid out of Permanent Grant, viz.:—						
President, Professors, and Officers,				4,523	7	2
Scholarships, Prizes, and Exhibitions,				1,431	10	0
Minor Officers, Porters, and Servants,				650	4	2
						6,505
					1	4
Library:—						
Ancient and Modern Languages,				78	9	8
Mathematical and Physical Sciences,				62	7	0
Natural Sciences,				21	19	6
Engineering,				11	4	11
Medical Sciences,				46	12	6
Mental and Legal Sciences,				7	9	5
General Library,				31	15	0
Binding,				45	3	3
Apparatus, Diagrams, Materials for Laboratory, &c., —						
Chemical Laboratory,				105	10	6
Physical Cabinet,				139	5	8
Engineering—Diagrams, &c.,				38	15	7
Medical Faculty—Apparatus, &c.,				136	17	0
Museum of Natural History,				73	1	4
Museum of Medical Sciences,				36	15	1
Printing, Stationery, and Advertising,				330	3	5
Heating and Lighting,				356	5	6
Botanic Garden and Grounds,				127	12	6
Miscellaneous Account:—						
Porters' Clothing,						
Water Supply,						
Intidental Expenses—Postage, Carriage, Cleansing, Insurance, &c.,						
Electrical Engineering,				24	8	6
Professors' Class Fees,						
Library Deposits Repaid,						
Special Exhibitions—chargeable to the "Blayney" Bequest,						
Do. do. "Dr. and Mrs. Browne"						
Donation,						
Payments out of College Fees (£44 18s. 4d.):—						
Spend to College Auditor,						
Sandries,						
Payments out of Miscellaneous Receipts (£115):—						
To Lecturer in Pathology,						
To Lecturer on Fevers,						
Lecturers on Medical Jurisprudence,						
Spend to Student for the Scholarship Exhibition per the Commissioners of 1851,						
Balance on 31st March, 1903, viz.:—						
General Bank Account,				1,828	2	6
In Bursar's hands,				5	16	1
						1,833
					13	7
TOTAL,						£11,767 5 10

In addition to the Cash Balance, there is standing to the credit of the College (Blayney Bequest and Dr. and Mrs. Browne Donation) the sum of £2,471 15s. 5d., New 2½ per Cent. Stock. Also a sum of £800 (purchased for £1,196 18s.)—Investment—out of Endowment Fund in the Stock of the Midland Great Western Railway Company, Ireland.

The accounts of the College up to 31st March, 1903, have been examined, and found correct, by the College Auditor. And the Certificate of the Comptroller and Auditor-General has been also received, certifying to the correctness of the accounts for the year ending 31st March, 1903.

J. L. LYNHAM,
Bursar.

June, 1903.

APPENDIX E.

DONATIONS TO THE LIBRARY, 1902-1903.

Presented

Aberdeen University: Calendar for the year 1902-1903. *By the University.*

Alcock, C. H.: Geometry for Beginners. *By Macmillan & Co.*

Allen, J. B.: Elementary Greek Grammar, 1902. *By the Oxford University Press.*

Annuario della R. Università degli Studi di Padova per L'Anno Accademico, 1901-1902. *By the University.*

Army Medical Department: Reports for the years 1900-1901. *By the War Office.*

Belfast Queen's College: Calendar for 1902-1903. *By the Council.*

Buenos Ayres: Monthly Bulletin of Municipal Statistics. *By the Director of Statistics.*

Birmingham, University of: Calendar for the Session 1902-1903. *By the University of Birmingham.*

Blake: Family Records, 1300-1600. Edited by Martin J. Blake, B.L. *By Professor Trench.*

Board of Education:

- a. General Reports of H.M. Inspectors on Elementary Schools and Training Colleges for the year 1901.
- b. General Reports of H.M. Inspectors on Science and Art Schools and Classes and Evening Schools, and of Examiners in Science and Art for the year 1901.
- c. Report of the Board for the year 1901-1902.
- d. Report for the year 1901 on the Museums, Colleges, and Institutions under the administration of the Board of Education, 1902.
- e. Prospectus of the Royal College of Art (London) for the Session 1902-1903.
- f. Return, Technical Education.—Application of Funds by Local Authorities, 18th June, 1902.
- g. Supplementary Regulations for Secondary Day Schools from 1st August, 1902, to 31st July, 1903.
- h. Regulations relating to Museums and Institutions from 1st August, 1902, to 31st July, 1903.
- i. Art Examination Papers, April, May, and June, 1902.
- k. National Competition, 1902.
- l. List of Students rewarded, with the Report of the Examiners, 1902.
- m. Catalogue of the Loan Exhibition of British Engraving and Etching, 1903.

By the Secretary.

Presented

Bosanquet, B. : The Education of the Young. Cambridge, 1900.

By the Cambridge University Press.

British Museum :

- a. Catalogues of Drawings by British Artists, Vol. III., I—R.
- b. Catalogue of the Cuneiform Tablets in the Konyimjik Collection. Vols. I.—V.
- c. Annals of the Kings of Assyria. Vol. I.

By the Trustees.

Bromwich, Professor T. J. I'a :

- a. On a Definite Integral; read 5th May, 1902. Extract from the Proceedings of the Cambridge Philosophical Society. Vol. XI., Part VI.
- b. Note on the Wave Surface of a Dynamical Medium, \mathcal{A} eolotropic in all respects. Extract from the Proceedings of the London Mathematical Society, Vol. XXXIV.
- c. Note on a Condenser Problem. Extract from the Messenger of Mathematics. New Series. No. 372, April, 1902.
- d. (1.) The Infinitesimal Generators of Parameter Groups. Read before the Mathematical Society, April 26th, 1902.
- (2.) On the Parabolas (or Paraboloids) through the points Common to two given Conics (or Quadrics). Read before the American Mathematical Society, April 26, 1902.

By the Author.

California, University of : Medical Department: Announcement of Courses, 1902-1903.

By the University.

Cambridge Philosophical Society: Transactions and Proceedings.

By the Society.

Campbell: Selections from, with Introduction and Notes by John Dorone, 1902.

By Macmillan & Co.

Canada—Geological Survey of :

- a. Catalogue of Canadian Plants, Part VII.
- b. Canadian Palaeontology, Vol. III.

By the Director of Survey.

Canada—Royal Society of : Proceedings and Transactions of the 2nd series. Vol. VII. Meeting of May, 1901.

By the Society.

Cape Colony for the Settler. By A. R. E. Burton, F.R.G.S., 1903.

By the Secretary of Agriculture.

Champneys, A. C. : English Extracts for Latin Prose, 1903.

By Messrs. Longmans & Co.

Chaucer: The Prologue. Edited by Alfred W. Pollard, 1903.

By Macmillan & Co.

China—Imperial Maritime Customs: *Presented*
 a. Customs Gazette, No. 133, January—March, 1903.
 b. List of Lights. Chinese version. *By the Inspector-General of*

Cohen: Theoretical Organic Chemistry. *By Messrs. Macmillan & Co.*

Columbia University Quarterly, Vol. IV., No. 3, 1902.
 a. Installation Supplement to No. 3.
 No. 4, September, 1902.
 b. Catalogue 1902-1903. *By the University.*

Dublin University: Calendar for the year 1902-1903. *By the University.*

Duncan, J.: Applied Mechanics for Beginners, 1902. *By Macmillan & Co.*

Durham University: College of Medicine Gazette. Vol. III., No. 2.
 November, 1902. *By the Publishers.*

Durham—University College of Medicine: Calendar for 1902-1903. (Two copies). *By the Members of the Senate.*

Edgar: Practical Exercises in Geometry. *By Macmillan.*

Edinburgh—University of: Calendar for 1902-1903. *By the Librarian.*

Edser, Edwin: Light for Students. 1902. *By Macmillan.*

England: Royal College of Surgeons of: Calendar for year 1902. *By the Council.*

Foord, Arthur H.: Carboniferous Cephalopoda of Ireland. Part IV.
 Plates and Text. *By Professor R. J. Anderson.*

Garstin, John Ribton: Ireland:—on the Coinage, &c. An Inaugural Address delivered at the Annual General Meeting of the Royal Society of Antiquaries of Ireland, January, 1903. *By the Writer.*

Geological Survey of the United Kingdom. Memoirs for the years 1897,
 1898, 1899, 1900, and 1901. *By H.M. Government.*

Glasgow: University Calendar for the year 1902-1903. *By the Senate.*

Grant, Frank L., and Alexander M. Hill: Commercial Arithmetic.
 Sm. 8vo, 1902. *By Professor T. J. I'a Bromwich.*

Hall, H. S.: Short Introduction to Graphical Algebra. 2nd ed., 1903. *By Macmillan.*

Presented

Harrison, Joseph: Practical Plane and Solid Geometry. 1903.

By Macmillan.

Holmes, Oliver Wendell: The Autocrat of the Breakfast Table, with Introduction and Notes. 1902.

By Macmillan.

India.—Scientific Memoirs. (New series):

a. No. 1. By the Officers of the Medical and Sanitary Departments of the Government of—

b. On Malaria.

c. No. 3. By the Officers of the Scientific and Sanitary Departments. *By the Government.*

India.—Geological Survey of :

a. General report on the work carried on by the. For the period from April 1st, 1901, to March 31st, 1902.

b. Memoirs of. Palaeontologia Indica. New series. Vol. II. No. 1. Observations, &c. Plates I. to VII. by R. Zeller.

c. Contents and Titles of.

Series X. Vol. IV.

„ XV. „ III.

„ XVI. „ I.

d. Title page and Contents to the Memoirs of the. Vol. XXXIII. Part II.

e. Memoirs of Vol. XXXIII. Part III.

By the Director.

International Engineering Congress (Glasgow). 1901: Report of the Proceedings and Abstracts of the Papers read. 1902.

By the Executive Committee.

Institution of Civil Engineers: Minutes of Proceedings of—

a. Vol. 147. Pt. I. 1901-1902.

b. „ 148. „ II. „ „

c. „ 149. „ III. „ „

d. „ 150. „ IV. „ „

By the Institution.

Iowa: Geological Survey of. Vol. XII.

By the Geological Survey Department.

Ireland: Geological Survey of Ireland. No. 112, Geology of the country round Dublin, accompanied by sheet.

By the Survey Department.

James, William: the Varieties of Religious Experience. A Study in Human Nature. 1g. 8vo. 1902.

By the Senatus Academicus of the University of Edinburgh.

Japan, Tokio: College of Medicine: Imperial University of. Mittheilungen aus der medizinischen Fakultät. Band IV. No. IV.

By the University.

Jones, Lionel M.: *Introductory Chemistry*. 1902. + Presented
 Lille, Université de : *Tableaux des Cours et conférences de l'année scolaire 1902-03*. By Macmillan

Local Government Board : By the Librarian

- a. *Thirtieth Annual Report of 1900-1901*.
- b. *Supplement containing Report of the Medical Officer*.
- c. *Reports and Papers on the Bubonic Plague*, by Dr. R. Bruce Low.
- d. *Supplement in continuation of the Report of the Medical Officer of Health for 1900-1901*.

Lodge, Alfred : *Differential Calculus for Beginners*. Sm. 8vo, London and Cambridge. 1902. By the Medical Officer.

London Hospital and Medical College, University of London : *Calendar for session 1902-1903*. By Professor T. J. Pa Bromwich.

London, Royal Society : *Philosophical Transactions and Proceedings (regularly)*. By the Board.

London University : *Gazette (regularly)*. By the Society.

Love, James : *A New Gospel*, ph., pp. 44 (3 copies). By the University.

McGill College and University, Montreal : *Calendar for session 1902-03*. By the Author.

Medicine : *Manual of Vol. IV. Diseases of the Respiratory and of the Circulatory systems*. Edited by W. H. Allchin, M.D., F.R.C.P., F.R.S. By the University.

Melbourne University : *Calendar for 1903*. By Macmillan.

Middlesex Hospital : By the University.

- a. *Reports for the year 1901*.
- b. *Reports of the Medical, Surgical, and Pathological Registrars for the year 1900*.

Military Education in England from a National and Imperial point of view : Being a Lecture delivered at the Royal United Service Institution, by T. Miller Maguire, M.A., LL.B., on July 4th, 1902. By the Registrars.

New York University Club : *Annual of, for 1902*. By the Council of the R.U.S. Institution.

North Wales—University College of : *Calendar for the session 1902-1903*. By the Club.

Nottingham—University College of : *Calendar for 1902-1903*. By the Registrar.

Owens College, Manchester : *Calendar for the session 1902-1903*. By the University.

Ormsby, L. H. : *Varicose Veins*. 1903. By the College.

Ormsby, L. H. : *Varicose Veins*. 1903. By Professor R. J. Anderson.

Picard, Emile: *Traité D'Analyse*. Tome I. 1891. *Presented*
By Professor T. J. Fa Bromwich.

Pompilian, M.: *La Contraction Musculaire*. Paris. 1897. *By Professor R. J. Anderson.*

Queensland: *Government Gazette* (regularly). *By the Government.*

Robson, E. S. A.: *Practical Exercises in Heat*. 1902. *By Macmillan.*

Reynolds, Osborne, F.R.S.: *The Sub-Mechanics of the Universe*. *By the Author.*

Royal Academy of Medicine, Ireland: *Transactions*. Vol. XV. 1902.
Edited John B. Story, M.B., F.R.C.S. *By the Academy.*

School Geometry. Parts I. and II. By H. S. Hall and F. H. Stevens. 1903. *By Macmillan.*

Scott's *Lord of the Isles*. Edited by H. B. Cotterill. 1903. *By Macmillan.*

St. Andrew's University: *Calendar for the year 1902-1903*. *By Macmillan.*

Smithsonian Institution: *By the University.*

a. Annual Report of the, for 1900.
b. U.S. National Museum Report, 1902.
c. Annual Report for 1901.

Miscellaneous Collections:

1. List of Observatories, 1902.
2. Chemical Societies in the 19th century, by Henry Carrington Bolton. 1902.
3. A Bibliography of the Analytical Chemistry of Manganese, 1785-1900, by Henry P. Talbot and John W. Brown. 1902.
4. Index to the Literature of the Spectroscope (1887-1900). [Both inclusive.] By Alfred Tuckerman. 1902.

By the Smithsonian Institution.

Tasmania: *The Progress of the Mineral Industry of Tasmania*: The Progress of the Mineral Industry of. Compiled by W. H. Twelvetrees, Government Geologist, by order of the Hon. Edward Mulcahy, Minister of Mines:
a. For the Quarter ending 30th June, 1901.
b. " " " " 30th September, 1901.
c. " " " " 31st December, 1901.
d. " " " " 31st March, 1902. *By the Agent-General for Tasmania.*

Thackeray: *Esmond*. *By Macmillan.*

Toronto, University of—Studies:
Biological Series. Nos. II. and III.
History and Economics. Vol. II. No. II. Parts 1, 2, 3, and 4.
Psychological Series. Vol. II. No. I. *By the University.*

Presented

United States Coast and Geodetic Survey :
 a. Report of the Superintendent of, showing the progress of work from July 1st, 1899, to June 30th, 1900.
 b. Annual Reports, 1901.
 c. Special Publication, No. 7. The Eastern Oblique Arc of the United States and Osculating Spheroid. 1901.
 d. List and Catalogue of the Publications issued by U.S.C. and Geodetic Survey. 1816-1902.

By the Superintendent.

United States Geological Survey :
 a. Twenty-first Annual Report, 1899-1900. Parts V. and VII.
 b. Forest Reserves. Part V. Maps.
 c. Geology and Mineral Resources of a portion of the Copper River District, Alaska. 1901.
 d. Reconnaissances in Cape Nome and Norton Bay regions, Alaska, in 1900.

By the Superintendent.

University Club : Annual of, 38th year. 1902-03.

By the Secretary.

Welch, Duffield : Latin Exercises. 1893.

By Macmillan.

Welcker, Adair : A Dream of Realms beyond us. 5th American edition.

By the Author.

Xenophon. Cyropaedia. Book I. With Introduction and Notes, founded on those of H. A. Holden, LL.B.

Cambridge University Press.

ADRENDA.

Accademia Dei Lincei, Rome : Rendiconti (received regularly).
 By the Academy.

Balneology and Climatology : The Journal of (occasionally).
 By the Publishers.

Irish Medical Association : Journal of.
 By the Publishers.

Medical Temperance Review.
 By the Publishers.

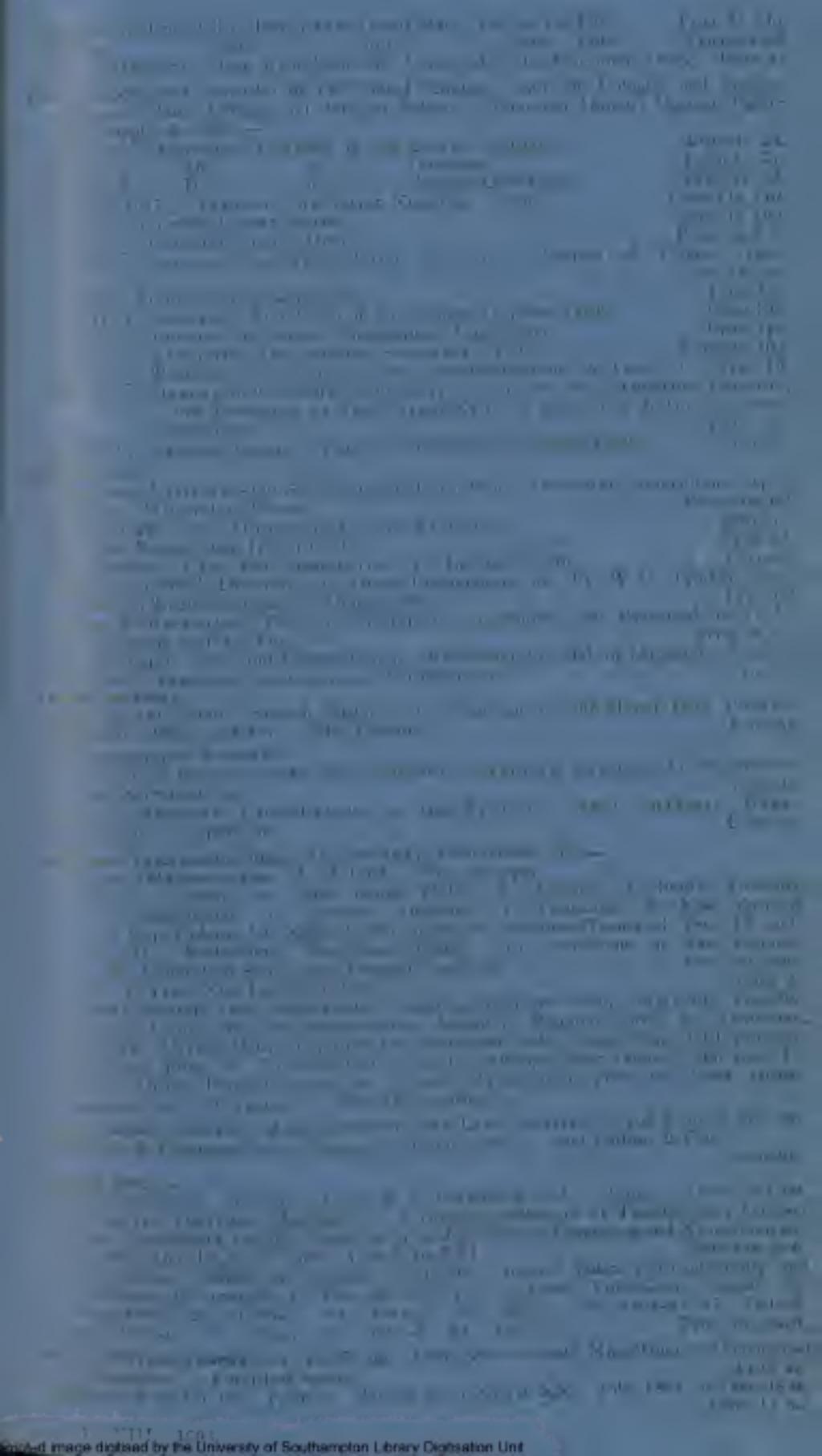
Practitioner : The General.
 By the Publishers.

Travel (a monthly). Edited by H. S. Lunn, M.D.
 By the Publishers.

Zoophilist : The, and Animals Defender.
 By the Publishers.

XIII^e Congrès International de Médecine. Paris. 1900.
 a. D'Anatomie.
 b. D'Histologie.
 c. De Physiologie.

By Professor R. J. Anderson.



THE REPORT

OF

THE PRESIDENT

QUEEN'S COLLEGE, GALWAY

1903

THE YEAR 1902-1903

Presented to both Houses of Parliament by Command of the

COLLEGES ACT,
8th and 9th Vict. cap. LXVI., sec. 30



PRINTED IN

PRINTED ON HIS MAJESTY'S SERVANT'S PROPERTY
BY ALEXANDER FORD & CO. (LIMITED), GALWAY, IRELAND.

THIS REPORT IS TO BE PURCHASED AT THE OFFICES OF THE COLLEGE
OR IN GALWAY, AT THE CROWN AND ANCHOR IN THE
HIGH STREET, OR AT THE BOOKSELLERS IN THE HIGH STREET,
OR AT THE LIBRARY OF THE COLLEGE, GALWAY.

1903